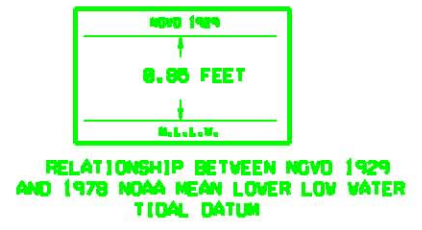


# HILLSBOROUGH RIVER TAMPA, FLORIDA PROJECT CONDITION SURVEY

- SURVEY NOTES:**
- REFER TO SURVEY NO. 06-161.
  - SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 0.85 FEET BELOW NOVD 1929.
  - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (·) SIGN.
  - TIDAL REDUCTIONS WERE MADE FROM A STAFF SET IN THE VICINITY OF, AND REFERENCED FROM BENCHMARK 'D-261'.
  - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
  - ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
  - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
  - SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.
  - VESSEL: \_\_\_\_\_ DATE OF SURVEY: 17 OCT 2006 CUT: 1-17
  - WB-34
  - AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
  - THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY AND IS NOT TO BE USED FOR NAVIGATION.
  - SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 1 JAN 82.

BENCHMARK	NOVD
D-261	0.83



**LEGEND**

BM	BENCHMARK
Lighted Beacon	LIGHTED BEACON
Green Daybeacon	GREEN DAYBEACON
Red Daybeacon	RED DAYBEACON
Red Lighted Buoy	RED LIGHTED BUOY
Green Lighted Buoy	GREEN LIGHTED BUOY
Can Buoy	CAN BUOY
Nun Buoy	NUN BUOY
Tide Staff	TIDE STAFF

**US Army Corps of Engineers**  
Jacksonville District  
SAFETY ON THIS JOB DEPENDS ON YOU

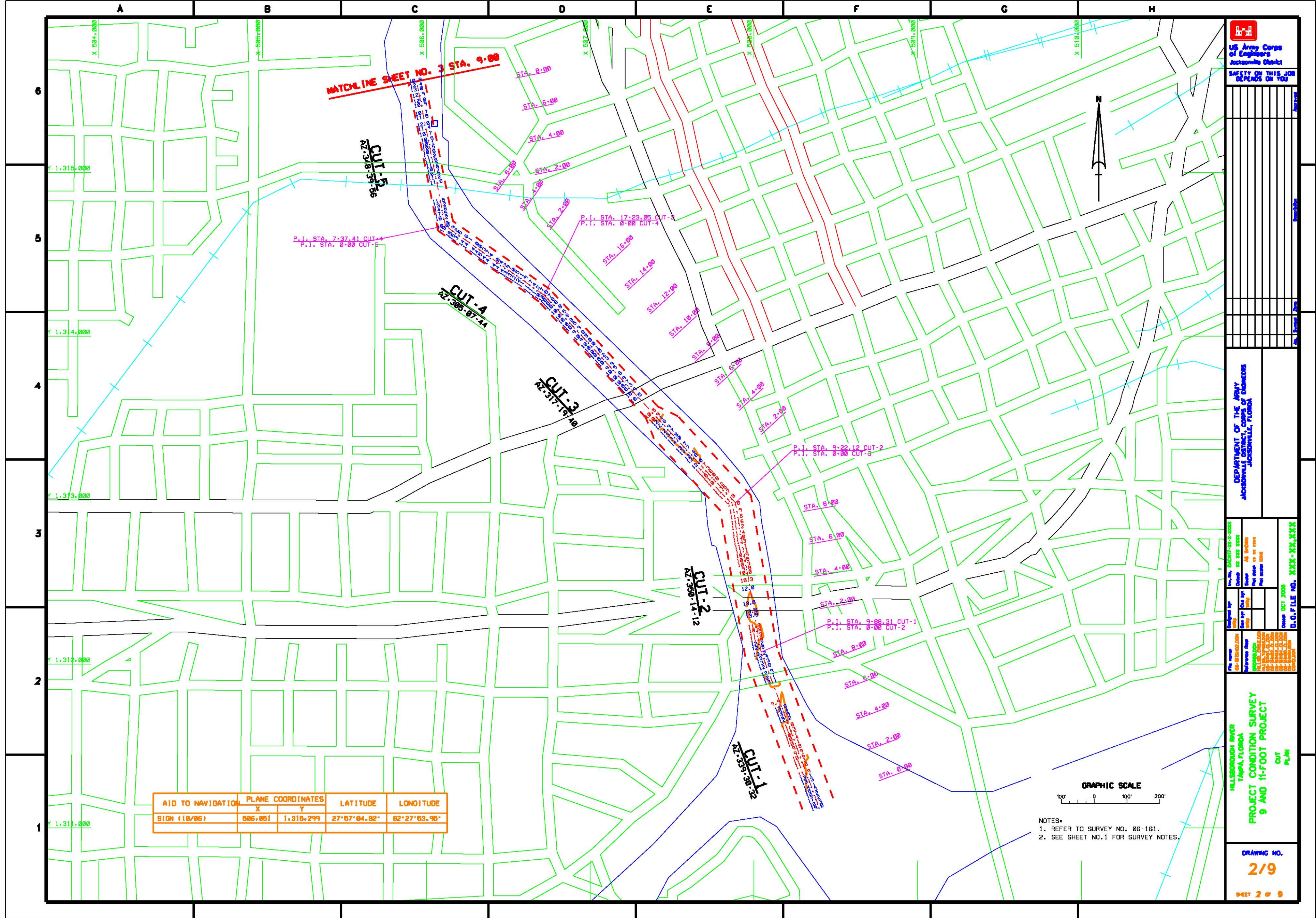
DEPARTMENT OF THE ARMY  
Jacksonville District of Engineers  
JACKSONVILLE, FLORIDA

DESIGNED BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
SCALE: AS SHOWN  
PROJECT NO.: \_\_\_\_\_  
DRAWING NO.: \_\_\_\_\_  
SHEET 1 OF 9

HILLSBOROUGH RIVER  
TAMPA, FLORIDA  
PROJECT CONDITION SURVEY  
9' AND 12-FOOT PROJECT  
RECT. LOCATION AND VICINITY  
PLAN

DRAWING NO.  
**1/4**

SHEET 1 OF 9



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SDON (18/06)	586,851	1,318,299	27°57'04.82"	82°27'03.95"

NOTES:  
 1. REFER TO SURVEY NO. 06-161.  
 2. SEE SHEET NO.1 FOR SURVEY NOTES.

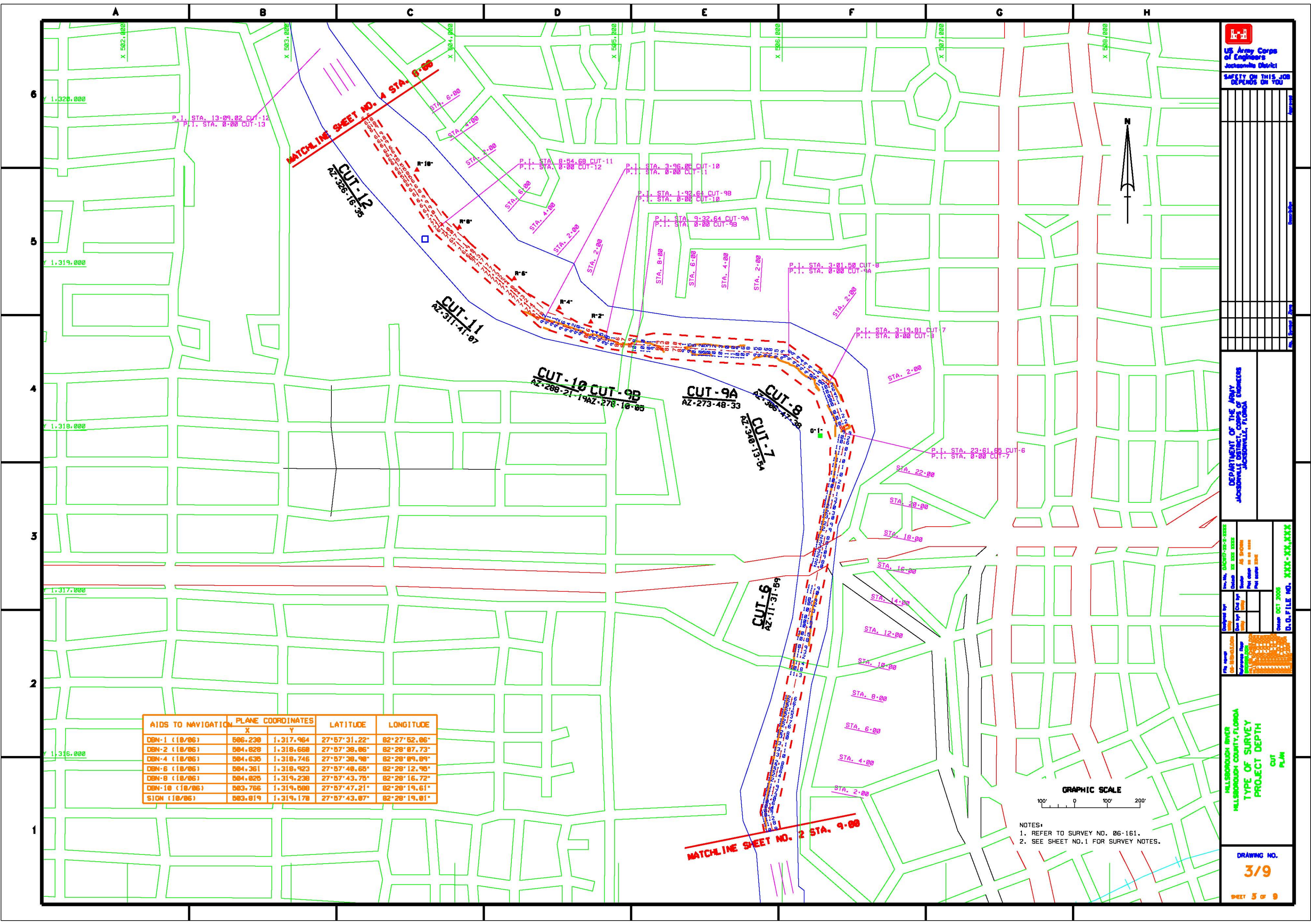
US Army Corps of Engineers  
 Jacksonville District  
 SAFETY ON THIS JOB  
 DEPENDS ON YOU

DEPARTMENT OF THE ARMY  
 Jacksonville District  
 JACKSONVILLE, FLORIDA

Designed by: [Signature]  
 Checked by: [Signature]  
 Date: [Date]  
 Scale: As Shown  
 Plot Date: [Date]  
 Plot Scale: [Scale]

HILLSBOROUGH RIVER  
 TAMPA, FLORIDA  
**PROJECT CONDITION SURVEY  
 9 AND 11-FOOT PROJECT**  
 CUT  
 PLAN

DRAWING NO.  
**2/9**  
 SHEET 2 of 9



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-1 (18/86)	586.238	1.317.964	27°57'31.22"	82°27'52.06"
DBN-2 (18/86)	584.828	1.318.688	27°57'38.06"	82°28'07.73"
DBN-4 (18/86)	584.636	1.318.746	27°57'38.98"	82°28'09.89"
DBN-6 (18/86)	584.361	1.318.923	27°57'48.65"	82°28'12.95"
DBN-8 (18/86)	584.826	1.319.238	27°57'43.75"	82°28'16.72"
DBN-10 (18/86)	583.766	1.319.588	27°57'47.21"	82°28'19.61"
SION (18/86)	583.819	1.319.178	27°57'43.87"	82°28'19.81"

NOTES:  
 1. REFER TO SURVEY NO. 06-161.  
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

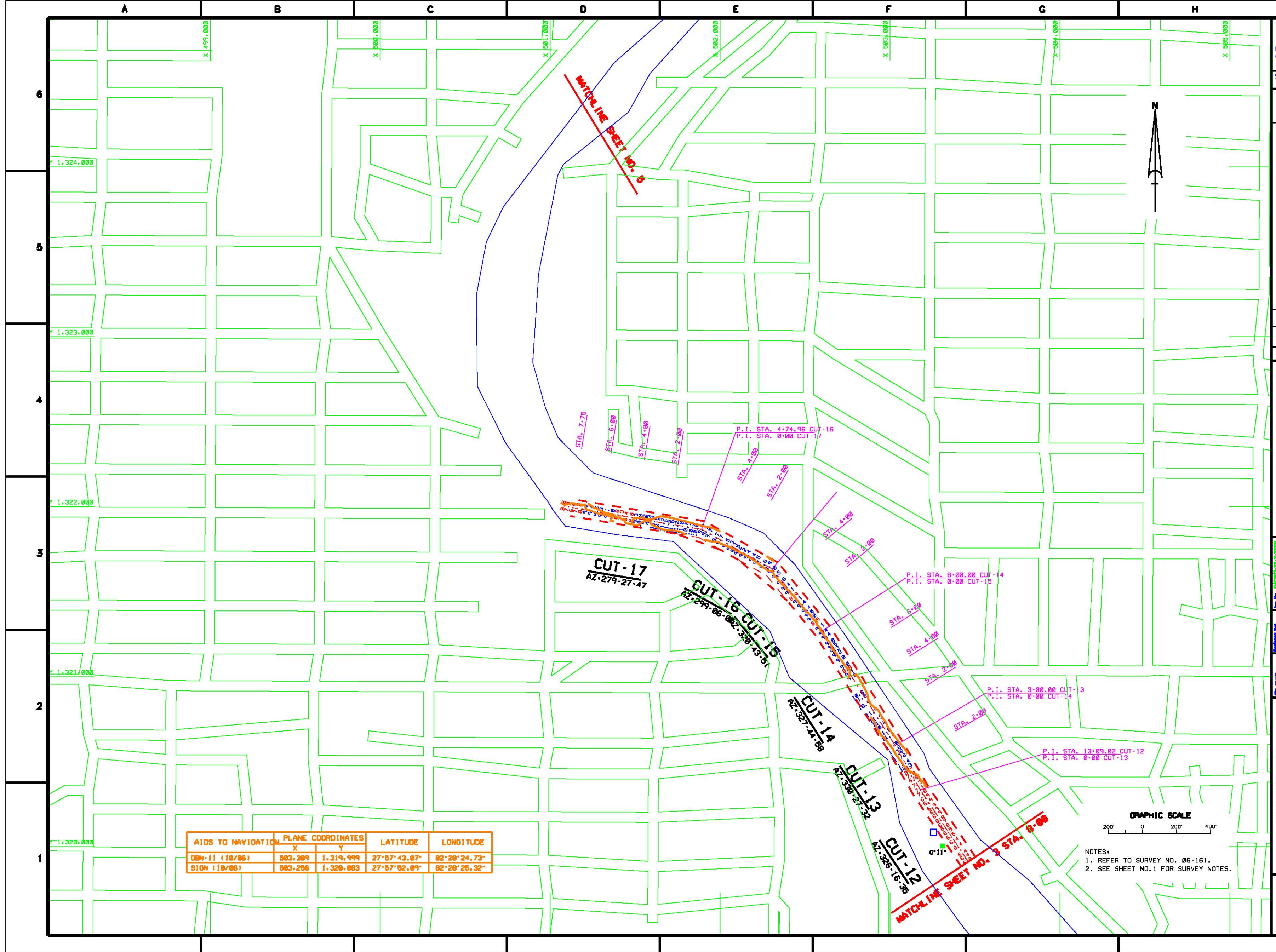
**US Army Corps of Engineers**  
 Jacksonville District  
 SAFETY ON THIS JOB  
 DEPENDS ON YOU

DEPARTMENT OF THE ARMY  
 Jacksonville District

DESIGNED BY: [Blank]  
 CHECKED BY: [Blank]  
 DRAWN BY: [Blank]  
 DATE: [Blank]

HILLSBOROUGH RIVER  
 HILLSBOROUGH COUNTY, FLORIDA  
 TYPE OF SURVEY  
 PROJECT DEPTH  
 CUT PLAN

DRAWING NO.  
**3/9**  
 SHEET 3 OF 9



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-11 (10/06)	583.389	1.319.999	27°57'43.07"	82°28'24.73"
SION (10/06)	583.266	1.320.083	27°57'52.09"	82°28'26.32"

GRAPHIC SCALE  
 200' 0 200' 400'

NOTES:  
 1. REFER TO SURVEY NO. 06-161.  
 2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers  
 Jacksonville District  
 SAFETY ON THIS JOB  
 DEPENDS ON YOU

DEPARTMENT OF THE ARMY  
 JACKSONVILLE DISTRICT  
 JACKSONVILLE, FLORIDA

DESIGNED BY: [Redacted]  
 CHECKED BY: [Redacted]  
 DRAWN BY: [Redacted]  
 DATE: [Redacted]

HILLSBOROUGH RIVER  
 HILLSBOROUGH COUNTY, FLORIDA  
 PROJECT CONDITION SURVEY  
 9 & 12-FOOT PROJECT  
 STA. 0+00 CUT-15 THRU UNCONTROLLED Q.  
 PLAN

DRAWING NO.  
**4/4**  
 SHEET 4 of 9